Amendment and Response
Applicant: Jeffrey Weaver et al.
Serial No.: 09/943,392
Filed: August 30, 2001
Docket No.: 10006366-1
Title: METHOD AND SYSTEM FOR HANDLING COMPUTER RESOURCE REQUESTS ON A
MONETARY PRIORITY BASIS

IN THE CLAIMS

Please amend claims 1-27 as follows:

1.   (Currently Amended) A method of prioritizing computer resource requests, the method comprising:

granting a monetary priority queue designation to a preferred subscriber for preferential placement in a monetary priority scheduling queue in a throughput resource upon payment for the monetary priority queue designation by the preferred subscriber;

receiving a first resource request at the~~a~~ throughput resource from the~~a~~ preferred subscriber ~~having a monetary priority designation~~; ~~and~~

receiving a second resource request at the throughput resource from a non-preferred subscriber having a non-monetary priority queue designation;

processing, via the monetary priority scheduling queue, the first resource request from the preferred subscriber prior to processing the~~a~~ second resource request from the~~a~~ non-preferred subscriber based on the monetary priority queue designation having a higher priority for processing than the non-monetary priority queue designation~~having a non-monetary priority designation~~.

2.   (Currently Amended) The method of claim 1 wherein ~~the~~ processing the first resource request ~~step further~~ comprises:

transmitting the first resource request to a job resource configured for performing the first resource request.

3.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

establishing an internet service provider as the preferred subscriber and an internet router as the throughput resource.

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4.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

establishing a client as the preferred subscriber and an internet service provider as the throughput resource.

5.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

establishing a web browser as the preferred subscriber and a web server as the throughput resource.

6.   (Currently Amended) The method of claim 5 ~~and further comprising~~ wherein establishing a web browser comprises:

providing the web server as a service provider configured for performing a transaction for the web browser.

7.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

providing the throughput resource as a server system configured for acting as at least one of the following computer resources:

web resource, file resource, printer, network resource, load leveler, router, hub, data resource, transaction resource, access resource, transmission resource, authorization resource, and stock trader.

8.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

providing the throughput resource as at least one of a local area network, a internet access/service provider, a router, and a server, each having a monetary priority scheduler queue.

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9.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

providing the preferred subscriber as at least one of a local area network, a internet access/service provider, and a router, each having a monetary priority designation.

10.   (Currently Amended) The method of claim 1 ~~and further comprising~~ wherein receiving a first resource request comprises:

prioritizing between the first resource request and the second resource requests based on a job type monetary priority designation associated with at least one of the following job types:

email, data, access, transmission, routing, and transactions.

11.   (Currently Amended) A method of handling job requests on a monetary priority basis comprising:

establishing a priority queue designation for each subscriber of a plurality of subscribers based on a relationship of each subscriber with a throughput resource wherein the priority queue designation includ~~ing~~es at least one of a monetary priority queue designation obtained by payment from the subscribers and a non-monetary priority queue designation obtained without payment from the subscribers;

receiving a job request from ~~the~~ each subscriber at the throughput resource;

identifying the priority queue designation associated with the job request from each subscriber; and

scheduling the job request for each subscriber in a queue based on the priority queue designation with the job requests from each subscriber having th~~e~~a monetary priority queue designation being performed prior to the job requests from each subscriber having th~~e~~a non-monetary priority queue designation.

12.   (Currently Amended) A priority resource request handling system comprising:

a first subscriber having a first monetary priority queue designation and a second subscriber having a second monetary priority queue designation; and

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a throughput resource having a priority scheduling queue configured for handling resource requests of the first subscriber prior to handling resource requests of the second subscribers based on their respective monetary priority queue designations,

wherein the first monetary priority queue designation is obtained via payment by the first subscriber to the throughput resource to gain higher priority processing relative to the second monetary priority queue designation.

13. (Currently Amended) The priority resource request handling system of claim 12 wherein the queue of the throughput resource comprises:

an input and output queue configured for handling both input and output resource requests on a monetary priority basis.

14. (Currently Amended) The priority resource request handling system of claim 12 and further comprising:

a job resource for performing the resource request.

15. (Currently Amended) The priority resource request handling system of claim 12 wherein the throughput resource is configured to perform at least one of a communication request, a data transmission request, a network communication routing request, and a network access request.

16. (Currently Amended) A pay for performance prioritized internet communication system comprising:

a preferred web browser configured to have a monetary priority queue designation; and

an internet service provider configured to act as a throughput resource including a queue for processing requests from the preferred web browser prior to processing other requests in the queue that lack a monetary priority queue designation,

wherein the preferred web browser obtained the monetary priority queue designation via payment to the internet service provider to gain preferential processing in the queue.

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17.   (Currently Amended) The pay for performance prioritized internet communication
system of claim 16 and further comprising:

       a local area network configured to act as a throughput resource for the preferred web
browser and as a preferred subscriber to the internet service provider.

18.   (Currently Amended) The pay for performance prioritized internet communication
system of claim 16 and further comprising:

       a router configured to act as a second throughput resource on a monetary priority
basis for the web browser; and

       a server configured to act as a throughput resource on a monetary priority basis for the
router.

19.   (Currently Amended) The pay for performance prioritized internet communication
system of claim 16 and further comprising:

       a server configured to act as a second throughput resource on a monetary priority
basis for the web browser.

20.   (Currently Amended) The pay for performance prioritized internet communication
system of claim 16 and further comprising:

       a service provider configured to act as a preferred subscriber and a router configured
to act as the throughput resource on a monetary prior basis for the internet service provider.

21.   (Currently Amended) A monetary prioritized network communication system
comprising:

       a plurality of computer resources including:

              a web browser;

              a local area network;

              an internet service provider;

              a router; and

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a server, wherein each computer resource is configured to act as a preferred

subscriber to a throughput resource and to hold a monetary priority queue designation

and

wherein each of the local area network, the internet service provider, the router

and the server are configured to act as the throughput resource relative to a subscriber

and have a queue configured for prioritizing computer resource requests on a

monetary priority basis using the monetary priority queue designations of the

subscribers,

wherein the monetary priority queue designations are obtained via payment by

the subscribers.

22.   (Currently Amended) The monetary prioritized network communication system
system of claim 21 and further comprising:

a subscriber link for maintaining a monetary contractual relationship between one of

the subscribers and one of the throughput resources.

23.   (Currently Amended) The pay for performance prioritized internet communication
system of claim 16 and further comprising:

Aa monetary priority subscription monitor comprising:

a graphical user interface including:

an activation function;

a login function; and

a job type priority designation function configured for managing monetary

priority designations for at least one of the following job types:

email, data, access, transmission, routing, and transactional.

24.   (Currently Amended) A computer-readable medium having computer-executable
instructions for performing a method of monetarily prioritizing computer resource requests,
the method comprising:

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granting a monetary priority queue designation to a preferred subscriber for

preferential placement in a monetary priority scheduling queue in a throughput resource upon

payment for the monetary priority queue designation by the preferred subscriber;

receiving a first resource request at ~~the~~a throughput resource from ~~the~~a preferred

subscriber ~~having a monetary priority designation~~; ~~and~~

receiving a second resource request at the throughput resource from a non-preferred

subscriber having a non-monetary priority queue designation;

processing, via the monetary priority scheduling queue, the first resource request from

the preferred subscriber prior to processing ~~the~~a second resource request from ~~the~~a non-

preferred subscriber based on the monetary priority queue designation having a higher

priority for processing than the non-monetary priority queue designation~~having a non-~~

~~monetary priority designation~~.

25.   (Currently Amended) The computer-readable medium of claim 24 wherein the
method further comprises:

providing the throughput resource as a server system configured for acting as at least
one of the following computer resources: web resource, file resource, printer, network
resource, load leveler, router, hub, data resource, transaction resource, access resource,
transmission resource, authorization resource, and stock trader.

26.   (Currently Amended) The computer-readable medium of claim 24 wherein the
method further comprises:

providing the throughput resource as at least one of a local area network, a internet
access/service provider, a router, and a server, each having a monetary priority scheduler
queue.

27.   (Currently Amended) A computer-readable medium having computer-executable
instructions for performing a method of handling resource requests on a monetary priority
basis, the method comprising:

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establishing a priority designation for each subscriber of a plurality of subscribers based on a relationship of each subscriber with a throughput resource wherein the priority designation includinges at least one of a monetary priority designation obtained by payment from the subscribers and a non-monetary priority designation obtained without payment from the subscribers;

receiving a job request from the each subscriber at the throughput resource;

identifying the priority designation associated with the job request from each subscriber; and

scheduling the job request for each subscriber in a queue based on the priority designation with the job requests from each subscriber having thea monetary priority designation being performed prior to the job requests from each subscriber having thea non-monetary priority designation.